Web Development

Sprint

le wagon

What you will build in this sprint

Twitter Landing Page

Téléphone, email ou nom ...

Mot de passe

Se connecter

Mot de passe oublié ?

Voir ce qui se passe actuellement dans le monde

Rejoignez Twitter dès aujourd'hui.

S'inscrire

Se connecter

Suivez vos centres d'intérêt.

Découvrez ce dont les gens parlent.

Rejoignez la conversation.

À propos   Centre d'assistance   Conditions   Politique de confidentialité   Cookies   Informations sur les publicités   Blog   Statut   Tâches   Marque   Promouvoir   Marketing   Entreprises   Développeurs   Répertoire

Paramètres   © 2020 Twitter, Inc.

Web Development

HTML Basics

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A web page =

Content and structure HTML5

+

Design CSS3

HTML basic syntax

```
<element> Content </element>

<element attr="value"> Content </element>

<a href="http://lewagon.com"> Le Wagon </a>
```

HTML skeleton

```
<!DOCTYPE html>
<html>
    <head>

        Page's intelligence (meta data)

    </head>

    <body>

        Page's content (displayed in browser)

    </body>

</html>
```

HTML **head**

```html
<head>

    <title> Page Title </title>

    <meta name="description" content="desc…">

    <meta charset="UTF-8">

</head>
```

HTML **headers**

<h1> Main title **</h1>**

<h2> Subtitle **</h2>**

<h3> Section title **</h3>**

<h4> Section subtitle **</h4>**

Etc…

HTML paragraph

```html
<p>
  Lorem ipsum dolor sit amet,
  consectetur adipisicing
  elit.Veritatis laboriosam
</p>
```

HTML **strong**

```html
<p>
    Lorem ipsum dolor sit amet,
    <strong>consectetur</strong>
    adipisicing elit.Veritatis
    laboriosam
</p>
```

HTML unordered list

```html
<ul>

    <li> Bread </li>
    <li> Milk </li>
    <li> Butter </li>

</ul>
```

HTML ordered list

```
<ol>

    <li> France </li>
    <li> Uruguay </li>
    <li> Belgium </li>

</ol>
```

HTML images

```
<img src="images/logo.png" alt="Le Wagon" >
```

Web Development

CSS Basics

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A web page =

Content and structure

+

Design

Linking a stylesheet

index.html

```html
<head>
  <link href="style.css" rel="stylesheet">
</head>
```

style.css

```css
h1 {
  color: red;
}
```

Web **without CSS**

Let's check a website without CSS
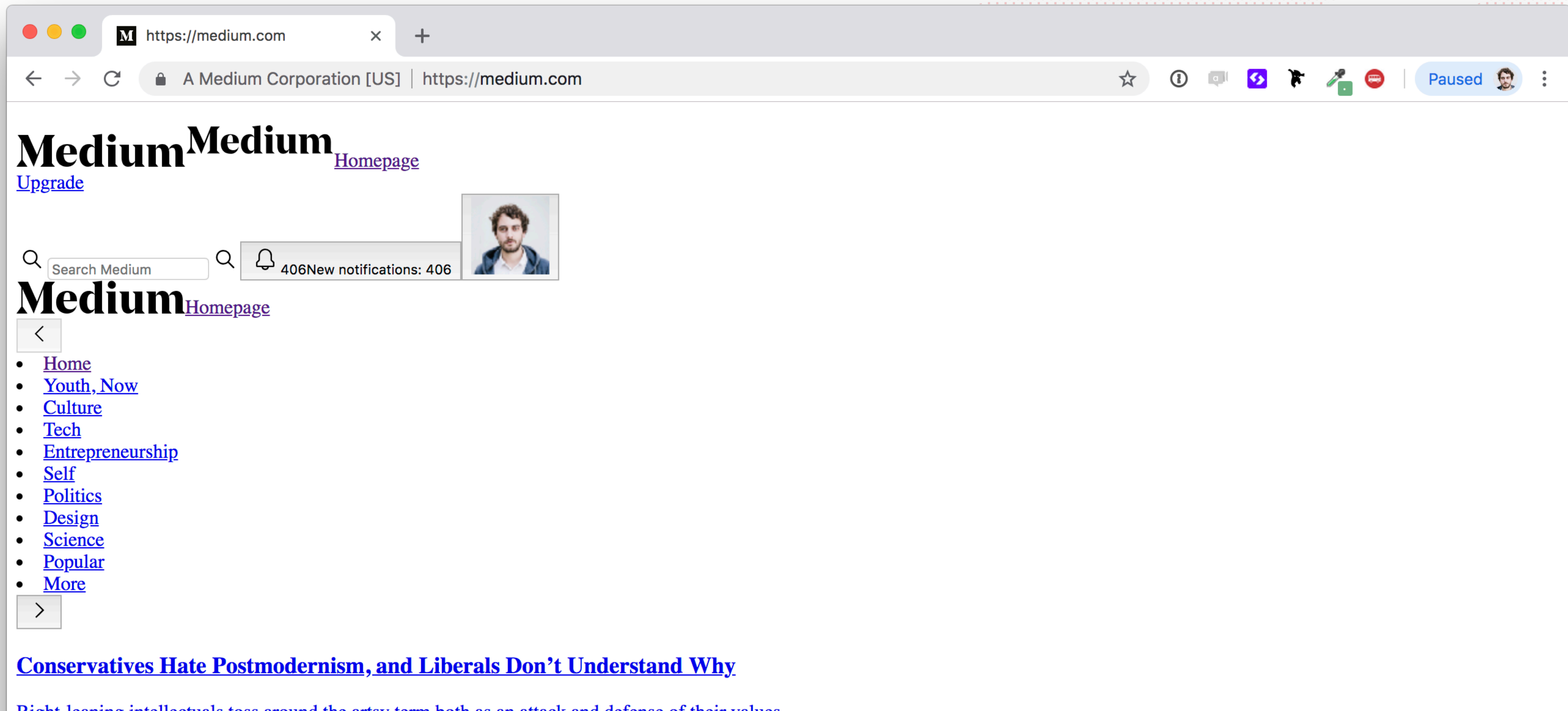
CSS syntax

```css
selector {
  property: value;
  property: value;
}

h2 {
  color: red;
  font-size: 24px;
}
```

CSS vocabulary

CSS selector

```
selector {
    property: value;
}
```

CSS property

style rule

CSS colors

```css
h2 {
 color: red;
 background-color: yellow;
}
```

CSS colors

```css
h2 {
  color: orange;
  color: #FF530D;
  color: rgb(255, 83, 13);
  color: rgba(255, 83, 13, 1.0);
}
```

CSS font-family

```css
body {

    font-family: Times, serif;

    font-family: Arial, serif;

    font-family: Courier, monospace;

}
```

CSS font size and spacing

```css
body {

    font-size: 30px;

    line-height: 1.6;

    letter-spacing: 10px;

}
```

font-size ↕ Abc

line-height Abc

A↔b↔c
letter-spacing

CSS font weight

```css
body {

    font-weight: 100;
    /* from 100 to 900 */

    font-weight: lighter;      Light text

    font-weight: bold;         Bold text

}
```

CSS decoration and alignment

```
a {
  text-decoration: none;
}


p {

  text-align: center;

  text-align: justify;

}
```

sign up
↓
sign up

This is a centered
paragraph aligned
with text-align

This is a justified
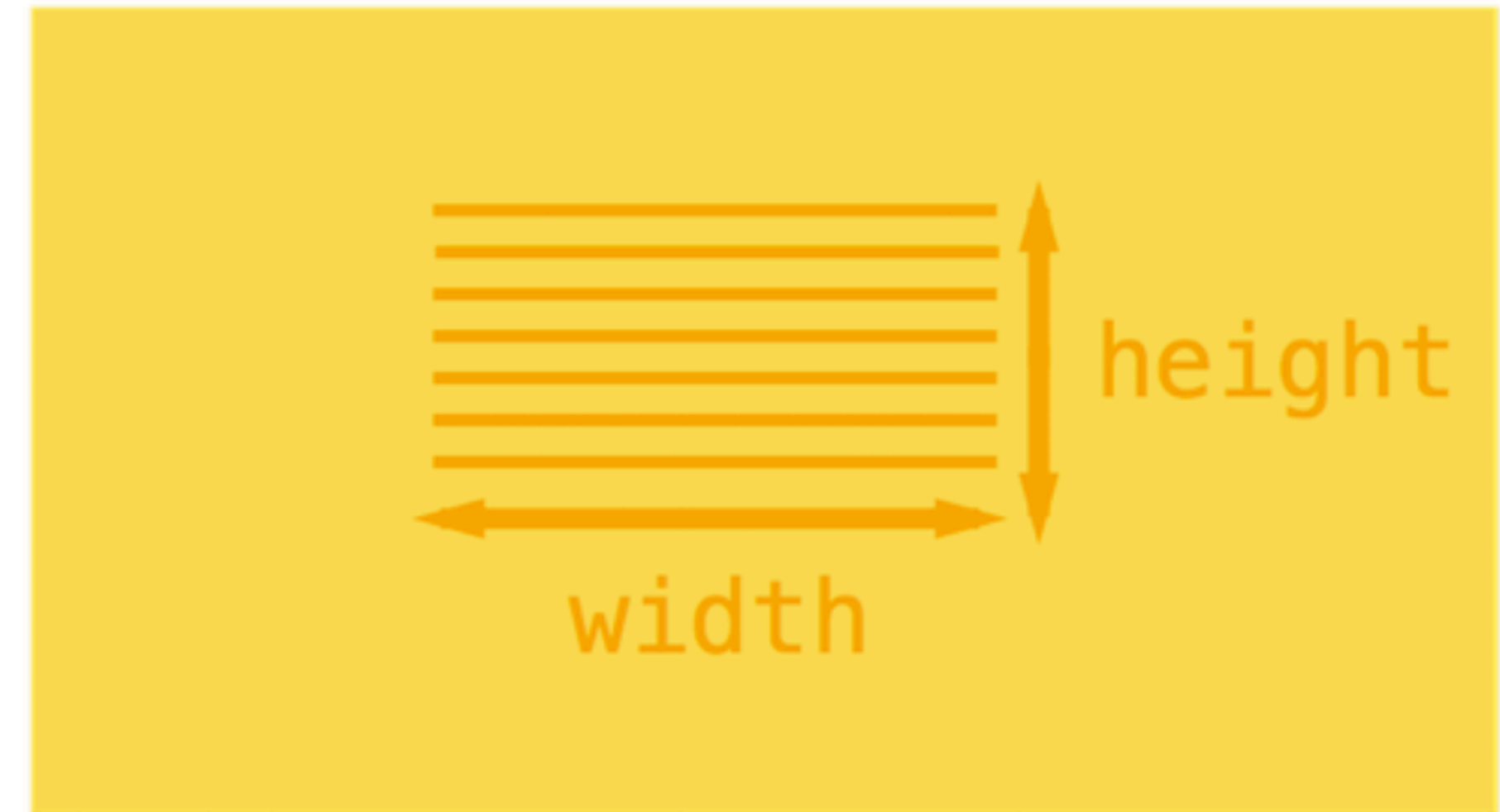paragraph aligned
with text-align

Web Development

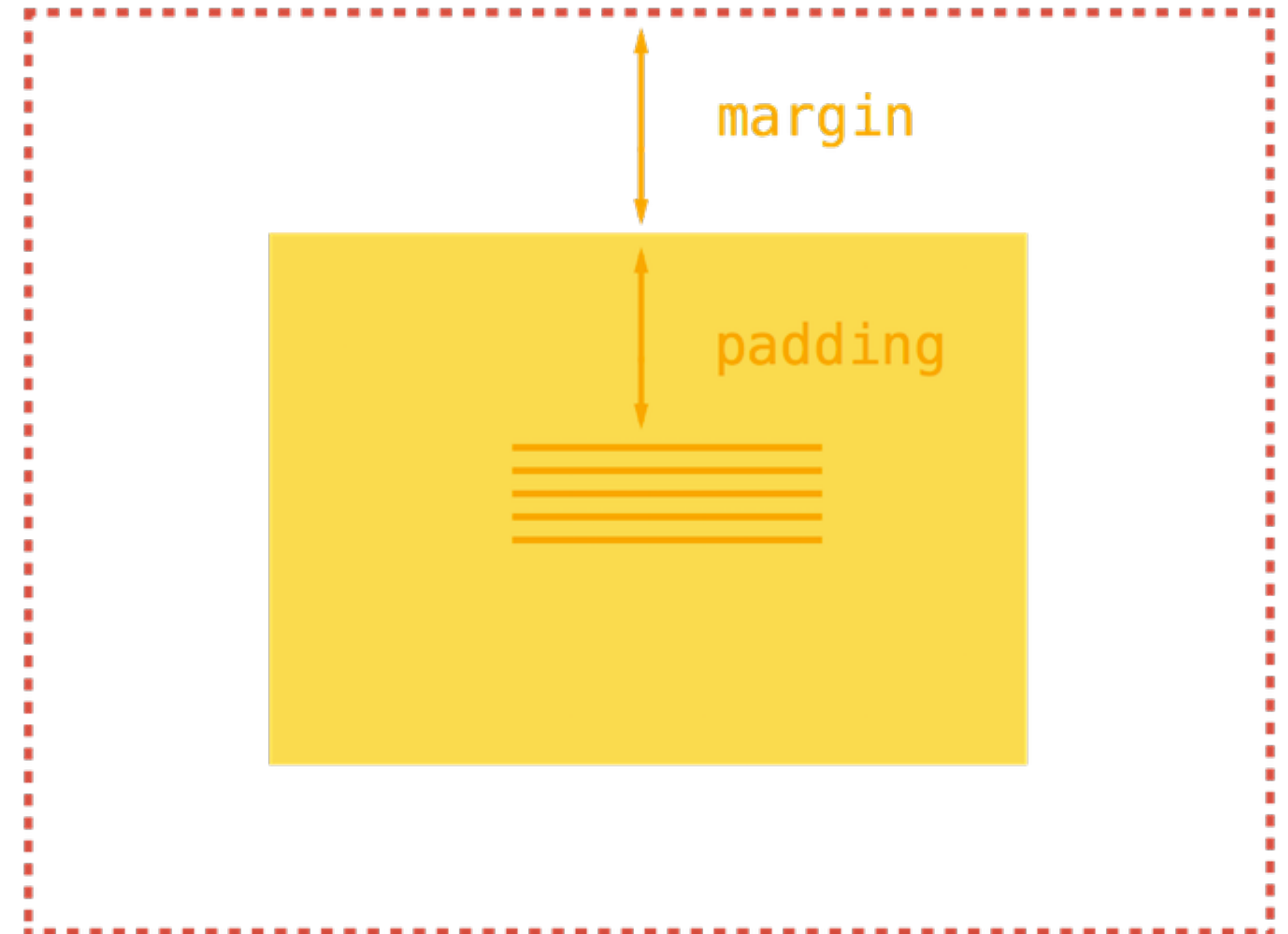Div structure

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A real website is made of <div>
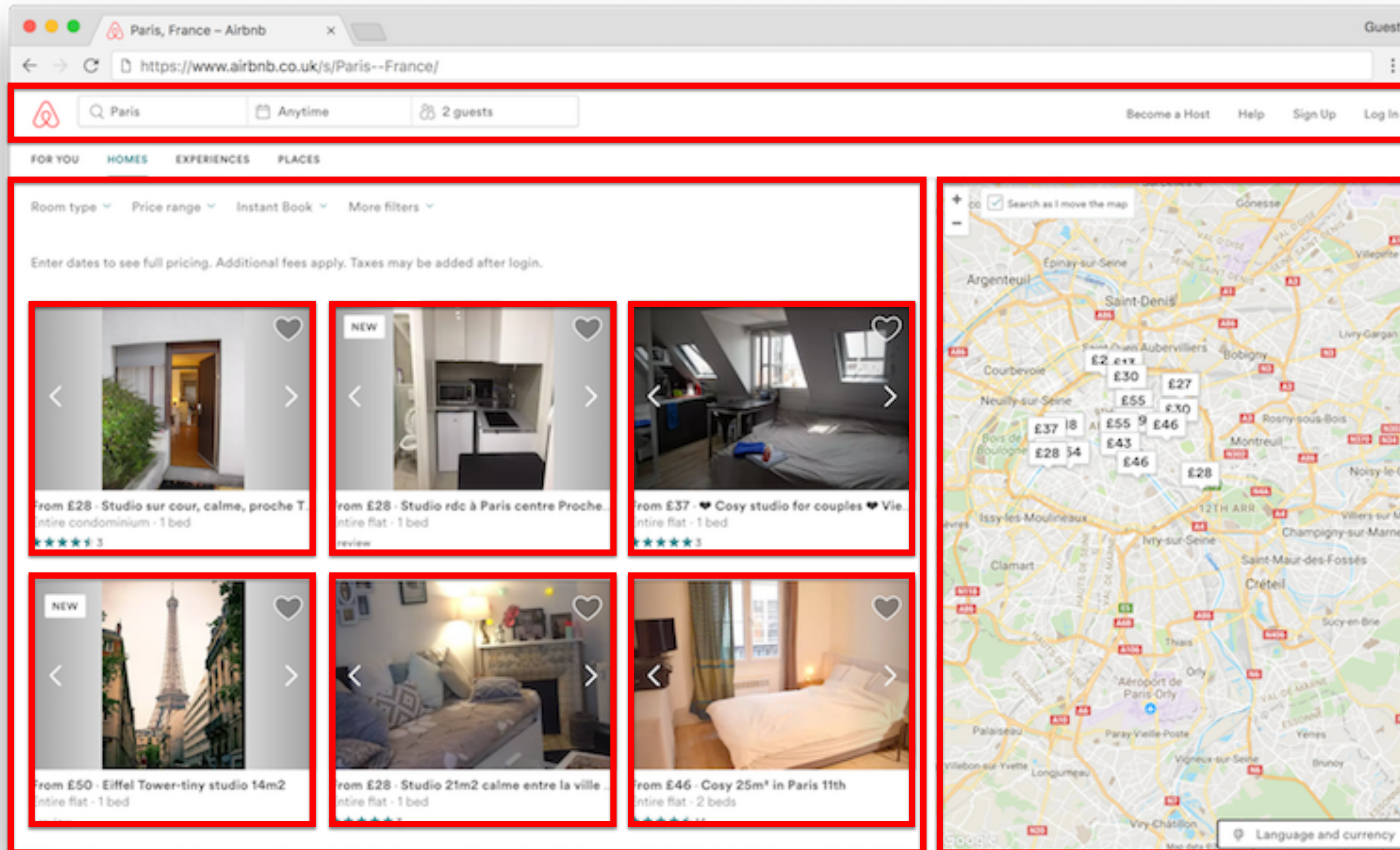
div width and height

```css
div {
  width: 300px;
  height: 150px;
}
```

div margin / padding

```
div {
  margin: 30px;
  padding: 10px 20px;
}
```
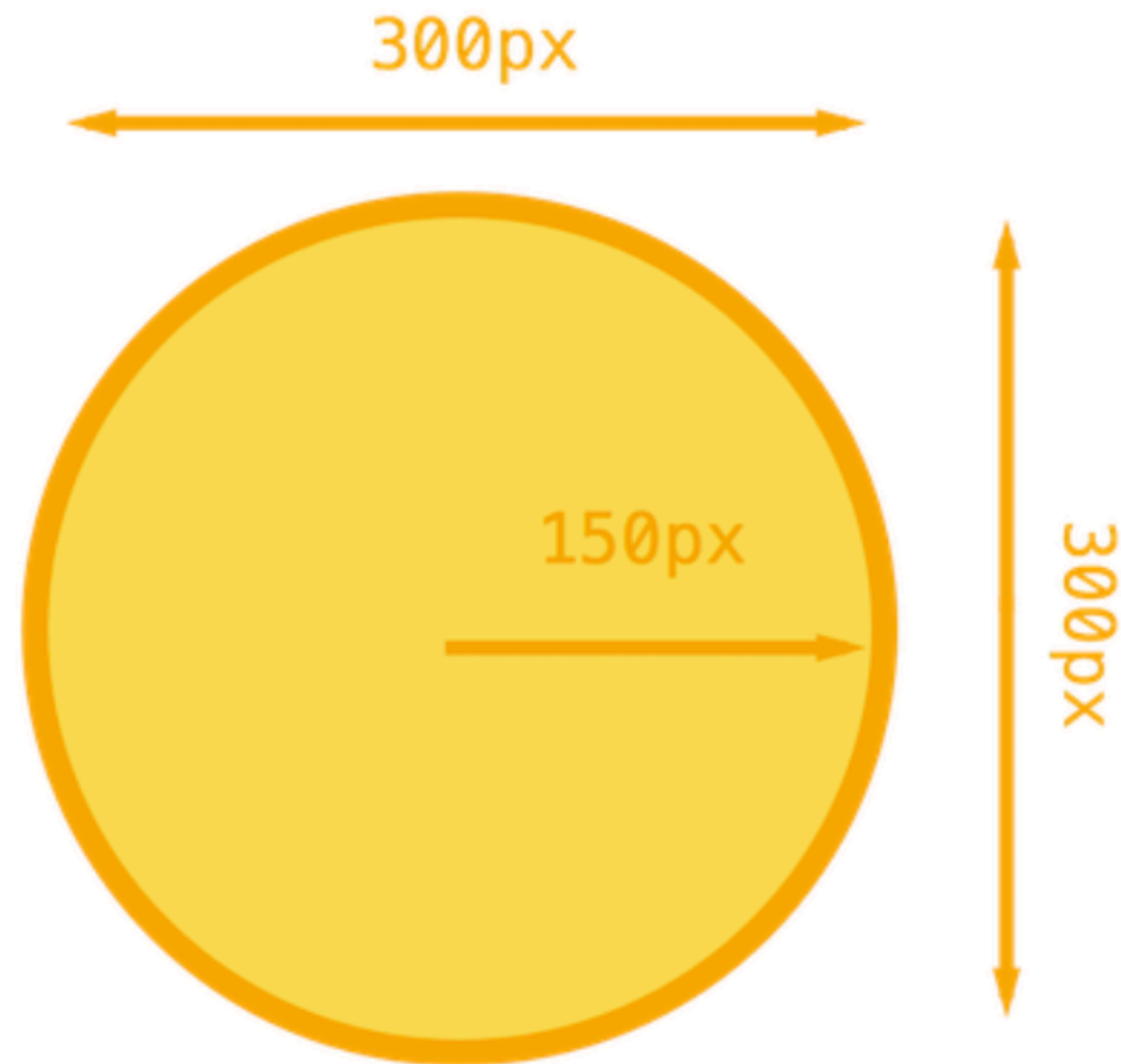
div border

```
border: 1px solid yellow;
```

div **border radius**
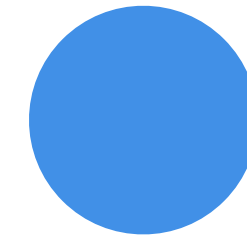
border-radius: 5px;
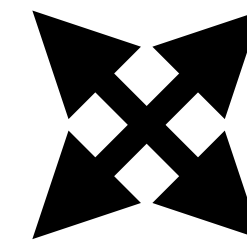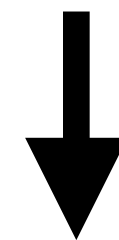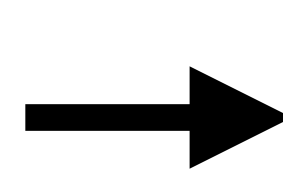
div **border radius**

300px

150px

300px

border-radius: 50%;

div **box shadow**

box-shadow: 10px 20px 30px blue;

Web Development

Id and class

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How to resize the logo only ?

 index.html

 style.css

```html
<img src="logo.png">

<ul>
  <li><img src="paul.png"></li>
  <li><img src="ringo.png"></li>
  <li><img src="john.png"></li>
  <li><img src="georges.png"></li>
</ul>
```

```css
img {
  width: 100px;
}
```

How to resize the logo only ?

index.html

```html
<img src="logo.png" id="logo">

<ul>
  <li><img src="paul.png"></li>
  <li><img src="ringo.png"></li>
  <li><img src="john.png"></li>
  <li><img src="georges.png"></li>
</ul>
```

style.css

```css
#logo {
  width: 100px;
}
```

✅

How to resize staff pictures only ?

HTML index.html

```html
<img src="logo.png">

<ul>
   <li><img src="paul.png" class="img-circle" ></li>
   <li><img src="ringo.png"class="img-circle" ></li>
   <li><img src="john.png" class="img-circle" ></li>
   <li><img src="georges.png" class="img-circle" ></li>
</ul>
```

CSS style.css

```css
.img-circle {
   border-radius: 50%;          ✔
}
```

unique adjustment 10% of your CSS

```
<img src="logo.png" id="logo">

<ul>
  <li><img src="paul.png" class="img-circle"></li>
  <li><img src="ringo.png" class="img-circle"></li>
  <li><img src="john.png" class="img-circle"></li>
  <li><img src="georges.png" class="img-circle"></li>
</ul>
```

re-usable design 90% of your CSS

Combining classes

```html
<img src="paul.png" class=" img-bordered img-circle ">
```

```css
.img-circle {
  border-radius: 50%;
}

.img-bordered {
  border: 5px solid red;
}
```

Class naming convention

class="element-design"

Examples

class="text-center"
class="button-red"
class="list-inline"
class="img-circle"
class="form-horizontal"

Web Development

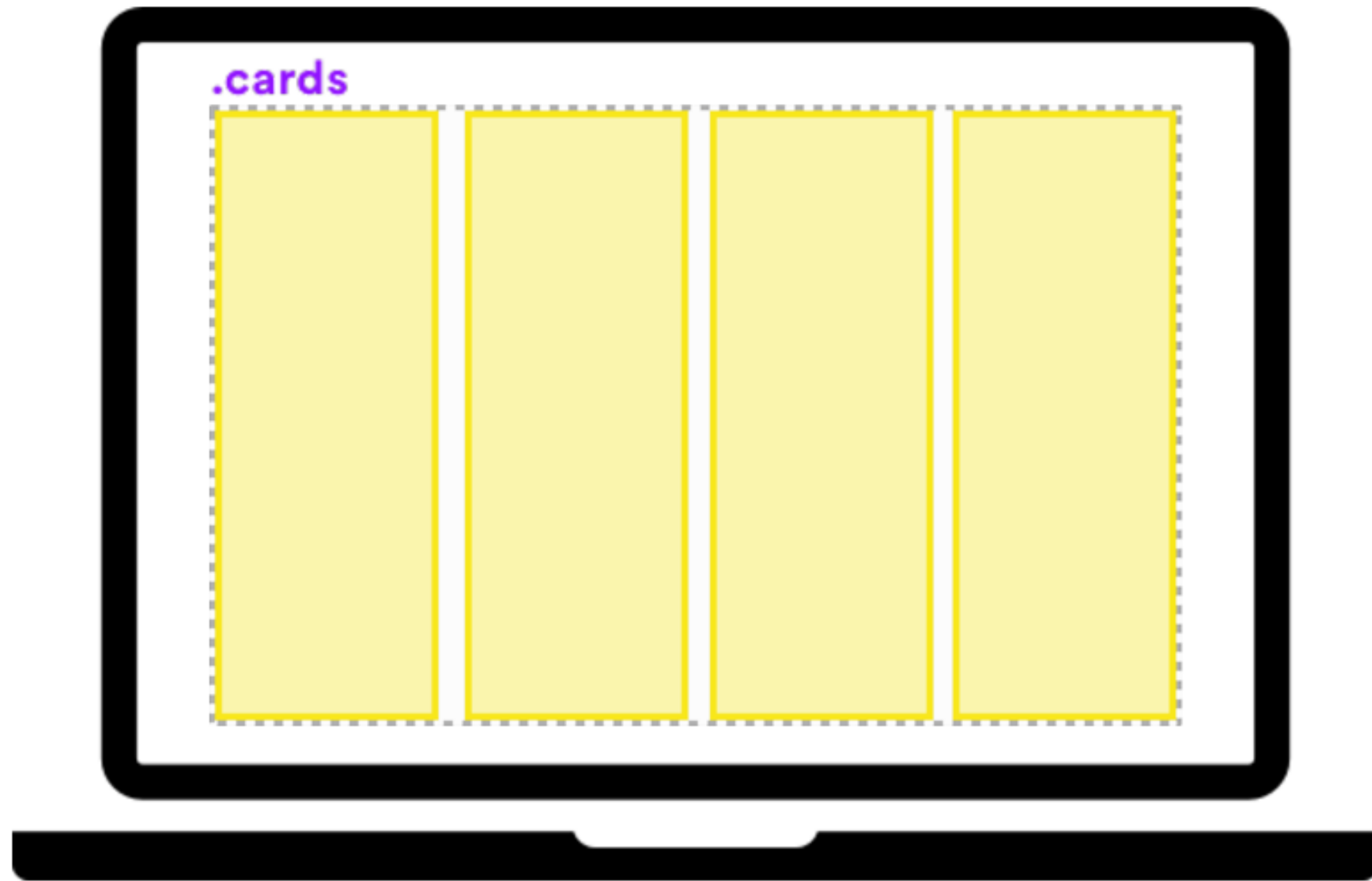Display our cards horizontally

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Let's use CSS grid

🔥

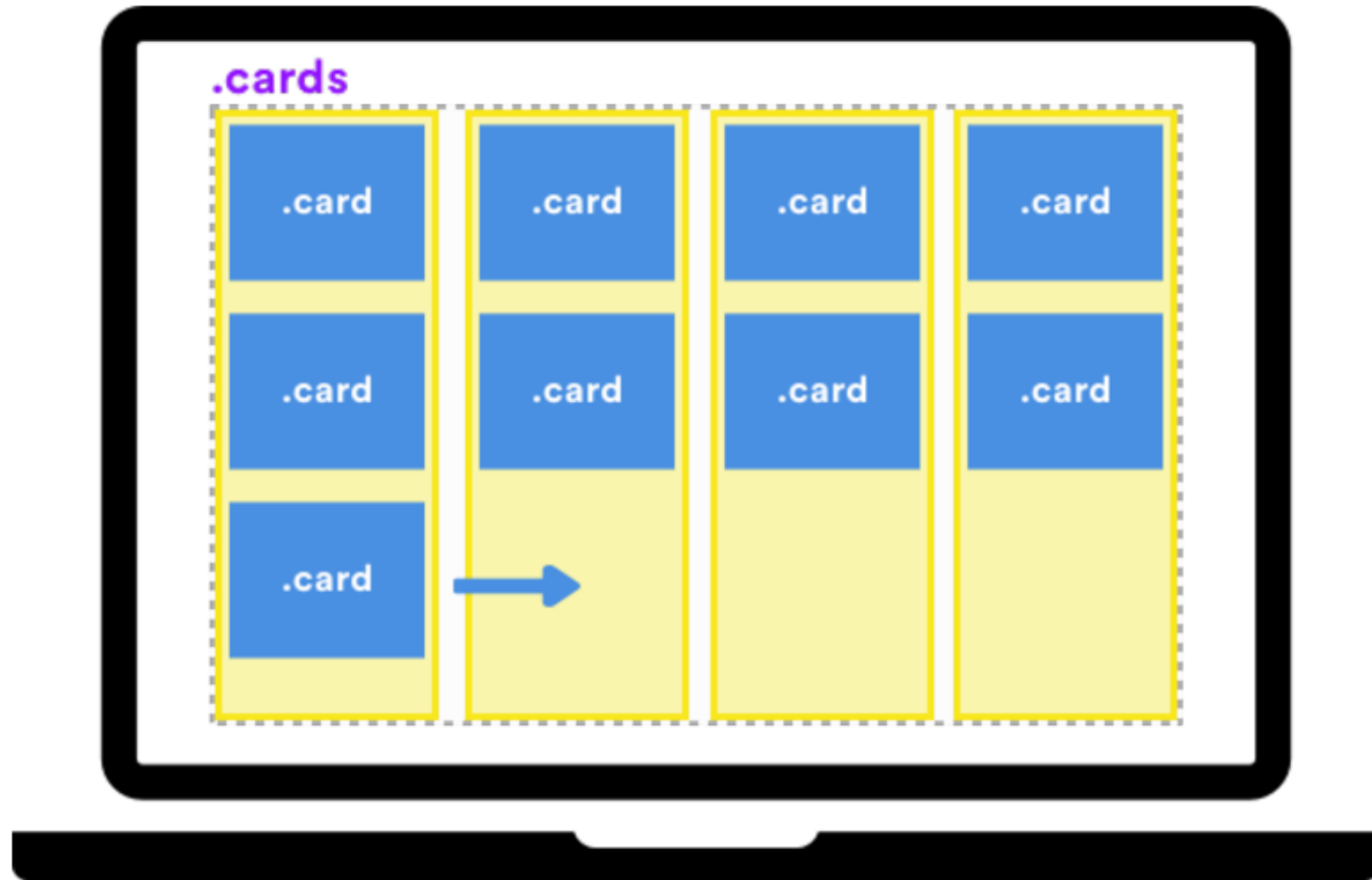# We can use the CSS Grid

.cards

```css
.cards {
    display: grid;
}
```

We then create columns


```css
.cards {
    display: grid;
    grid-template-columns: 1fr 1fr 1fr 1fr;
    grid-gap: 16px;
}
```

Automatically cards fill the columns


```
.cards {
  display: grid;
  grid-template-columns: 1fr 1fr 1fr 1fr;
  grid-gap: 16px;
}
```
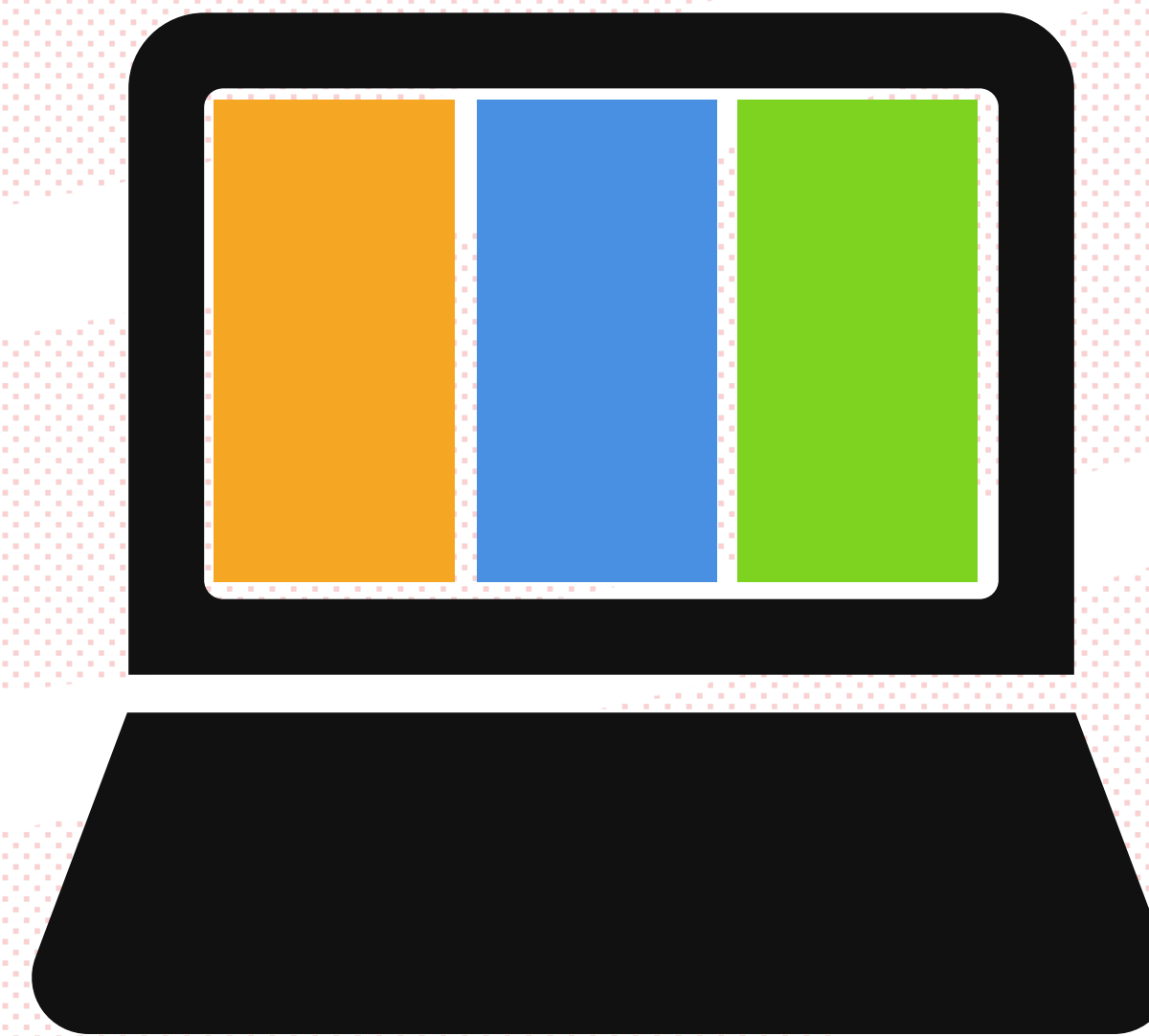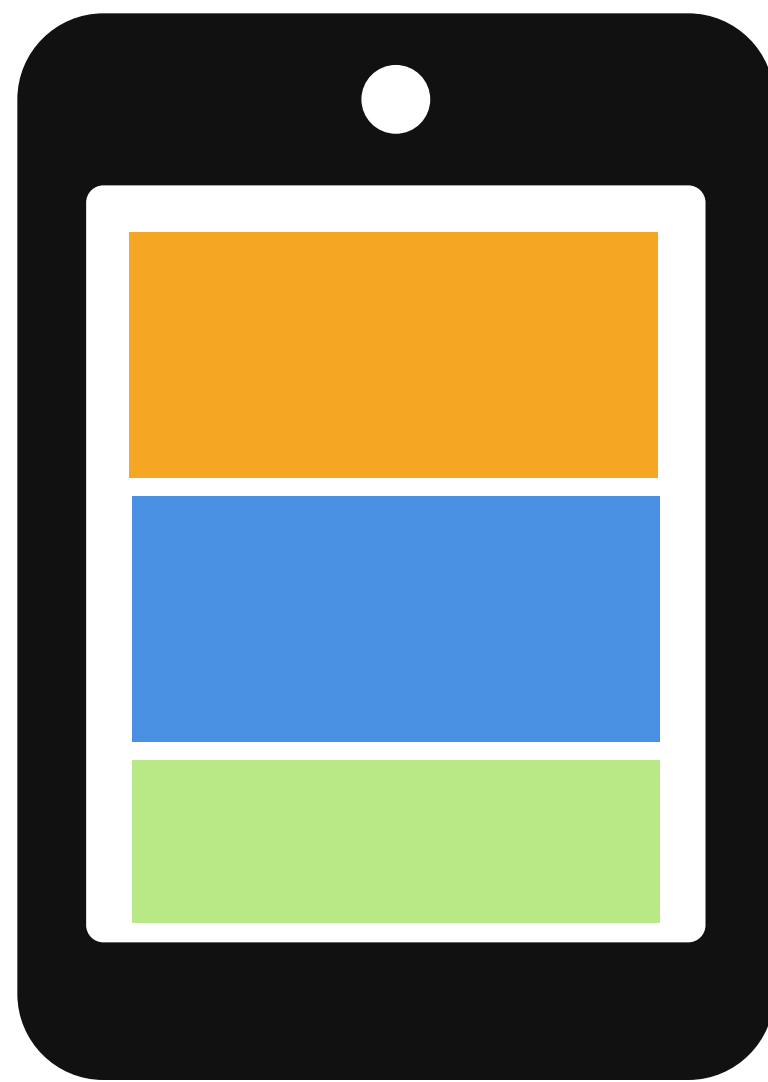
Web Development

Responsive Design

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What is responsive design?

Let's use **Media queries**

```css
@media (max-width: 720px) {
  .card {
    grid-template-columns: 1fr;
  }
}
```

Bravo 👏